

## MOTUMX2290B Motorcycle Battery Specification

### 12N9-4B-1 (12V9AH)



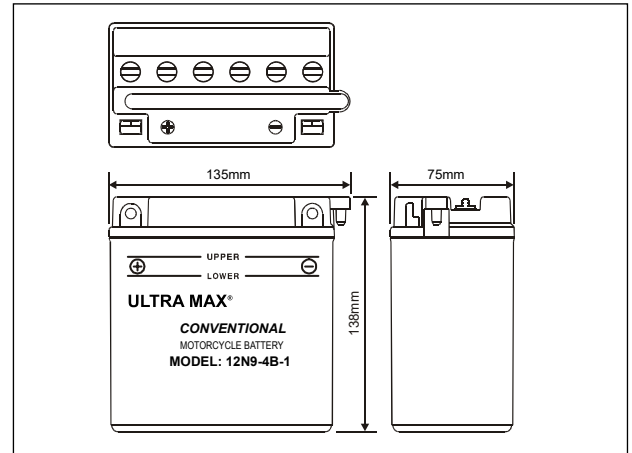
#### Specifications

Nominal Voltage	12V	
Rated capacity (10-hour rate)	9Ah	
Dimensions (±2mm)	Total Height	138mm
	Height	138mm
	Length	135mm
	Width	75mm
Weight Approx.	2.02kg	
Acid Volume	0.66l	
Charge Current	0.9A	
Terminal Type	6	

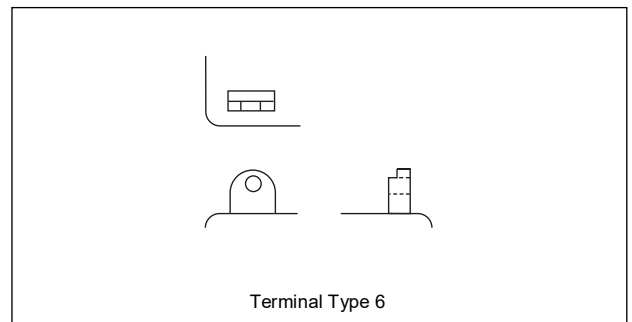
#### Characteristics

Capacity 25°C	10-hour rate (0.9A - 10.5V)	9.0Ah
	5-hour rate (18A - 10.2V)	6.5Ah
Internal Resistance (at 1KHz Approx.)	1C (9A - 9.6V)	4.8Ah
	3C (27A - 9.6V)	3.5Ah
		6.2 mΩ
Cold Cranking Amperes (-18°C/-0.4°F IEC Standard)	80A	
Operating Temperature Range	0°C to 40°C	Charge
	-18°C to 50°C	Discharge
	-15°C to 40°C	Storage
Charge Retention (Shelf Life) at 20°C	1-month storage	90%
	3-month storage	85%
	6-month storage	80%
Life Expectancy (Cycle Use)	100% depth of discharge	120 cycles
	80% depth of discharge	160 cycles
	50% depth of discharge	240 cycles
Electrolyte	H <sub>2</sub> SO <sub>4</sub> (ρ=1.32, 25°C)	
Case Material	ABS	
Separator	AGM	

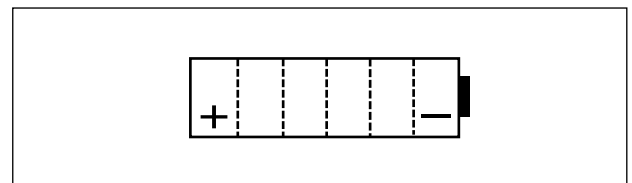
#### Outer dimensions (mm)



#### Terminal Type



#### Cell Assembly Layout



#### Discharge Curves at 25°C

